

1 Amendments to the claims:

2 1. (currently amended) An enterprise directory service  
3 apparatus, comprising:

4 a data store having a plurality of directory entries;

5 a web server having an API coupled to said data store, for  
6 sending a query to said data store and receiving a directory  
7 entry; and

8 a wrapper coupled to said API adapted for accepting said query  
9 from a user application in a plurality of programming languages.

10 2. (original) The apparatus of claim 1, wherein said data store  
11 is a relational database.

12 3. (original) The apparatus of claim 1, wherein said data store  
13 is an LDAP data store.

14 4. (original) The apparatus of claim 1, wherein said web server  
15 has a plurality of API coupled to said data store, each API  
16 adapted to send said query to said data store and receive one of  
17 said plurality of directory entries.

18  
19 5. (original) The apparatus of claim 4, further comprising a  
20 plurality of wrappers each said wrapper coupled to one or more of  
21 said plurality of API, and each said wrapper adapted to accept

1 said query from one of a plurality of user applications.

2 6. (original) The apparatus of claim 5, further comprising an  
3 API locator on said web server for selecting one of said  
4 plurality of API in response to said query from said one of said  
5 plurality of said user applications.

6 7. (original) The apparatus of claim 1, wherein said API is  
7 adapted to receive one of said plurality of directory entries  
8 from said data store and send said one of said directory entries  
9 to said user application.

10 8. (original) The apparatus of claim 7, wherein said API is  
11 adapted to send said one of said directory entries to said user  
12 application through said wrapper.

13 9. (original) The apparatus of claim 7, wherein said API is  
14 adapted to receive said one of said plurality of directory  
15 entries in response to said query.

16 10. (currently amended) A method of providing directory service  
17 to a user application, said method comprising the steps of:

18 providing a data store having a plurality of directory entries;

19 providing a web server having an API coupled to said data store  
20 and a wrapper adapted to accept queries in a plurality of

1     programing languages, coupled to said API;

2     receiving at said wrapper a query from a user application, and in  
3     response thereto sending said query from said wrapper to said API  
4     and thereafter to said data store; and

5     receiving at said API a directory entry from said data store in  
6     response to said query, and sending said directory entry to said  
7     user application.

8     11. (original) The method of claim 10, wherein said data store  
9     is provided as a relational database.

10    12. (original) The method of claim 10, wherein said data store  
11    is provided as a LDAP data store.

12    13. (original) The method of claim 10, wherein said web server  
13    is provided having a plurality of API coupled to said data store,  
14    each API adapted to send said query to said data store and  
15    receive one of said plurality of directory entries.

16    14. (original) The method of claim 13, further comprising the  
17    step of providing an API locator coupled to said wrapper and said  
18    plurality of API for determining to which one of said plurality  
19    of API said wrapper should send said query.

20    15. (original) The method of claim 13, further comprising the  
21    step of providing a plurality of wrappers, each said wrapper

1 coupled to one or more of said plurality of API, and each said  
2 wrapper adapted to accept said query from one of a plurality of  
3 user applications.

4 16. (original) The method of claim 10, further comprising the  
5 step of receiving one of said plurality of directory entries from  
6 said data store and sending said one of said directory entries to  
7 said user application.

8 17. (original) The method of claim 16, further comprising  
9 sending said one of said directory entries to said user  
10 application through said wrapper.

11 18. (currently amended) A computer system for providing  
12 enterprise directory service, said system comprising:

13 means for providing a data store having a plurality of directory  
14 entries;

15 means for providing a web server having an API coupled to said  
16 data store and a wrapper adapted to receive queries in a  
17 plurality of programming languages, coupled to said API;

18 means for receiving at said wrapper a query from a user  
19 application, and in response thereto sending said query from said  
20 wrapper to said API and thereafter to said data store; and

21 means for receiving at said API a directory entry from said data  
22 store in response to said query, and sending said directory entry

1 to said user application.

2 19. (original) The system of claim 18, further comprising an API  
3 locator on said web server for selecting said API in response to  
4 said query from said user application.

5 20. (currently amended) A computer program product for  
6 instructing a processor to provide enterprise directory service,  
7 said computer program product comprising:

8 a computer recordable medium:

9 first program instruction means for providing a data store having  
10 a plurality of directory entries;

11 second program instruction means for providing a web server  
12 having an API coupled to said data store and a wrapper adapted to  
13 receive queries in a plurality of programming languages, coupled  
14 to said API;

15 third program instruction means for receiving at said wrapper a  
16 query from a user application, and in response thereto sending  
17 said query from said wrapper to said API and thereafter to said  
18 data store; and

19 fourth program instruction means for receiving at said API a  
20 directory entry from said data store in response to said query,  
21 and sending said directory entry to said user application; and  
22 wherein

23 all said program instruction means are recorded on said medium.

1 21. (original) The computer program product of claim 19, further  
2 comprising fifth program instruction means for providing a  
3 wrapper coupled to said API for receiving said query from said  
4 user.

5 22. (currently amended) A method of deploying a directory  
6 service to a client, comprising the steps of:

7 providing data storage service including a data store having a  
8 plurality of directory entries;

9 providing a web service, said service capable of serving up web  
10 pages and having an API coupled to said data store and a wrapper  
11 adapted to receive queries in a plurality of programming  
12 languages, coupled to said API;

13 receiving at said wrapper a query from a client application, and  
14 in response thereto sending said query from said wrapper to said  
15 API and thereafter to said data store; and

16 receiving at said API a directory entry from said data store in  
17 response to said query, and sending said directory entry to said  
18 client application.